

Title (en)
Induction of protection against viral infection

Title (de)
Induzierung eines Schutzes gegen virale Infektionen

Title (fr)
Induction de protection contre les infections virales

Publication
EP 0742229 A3 19980603 (EN)

Application
EP 96106172 A 19910316

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Abstract (en)
[origin: WO9114449A1] The invention comprises a method of enhancing the immunogenicity of an envelope virus glycoprotein in a host organism. The method comprises administering to the host a composition comprising the virus envelope glycoprotein and at least one oligopeptide derived from the amino acid sequence of the envelope glycoprotein, wherein the oligopeptide contains or corresponds to virus-neutralization epitopes. The method and compositions are useful for vaccinating against viruses, such as HIV, SIV, HTLV-I, HTLV-II, or any retrovirus capable of inducing AIDS in its natural host.

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Citation (search report)
• [X] FR 2603107 A1 19880226 - GENETIC SYSTEMS CORP [US]
• [X] EP 0328403 A2 19890816 - UNITED BIOMEDICAL INC [US]
• [X] EP 0326109 A2 19890802 - NEW YORK BLOOD CENTER INC [US]
• [XP] WO 9102544 A1 19910307 - PASTEUR INSTITUT [FR], et al
• [A] EP 0317804 A2 19890531 - ABBOTT LAB [US]
• [A] EP 0227169 A2 19870701 - AKZO NV [NL]
• [X] RUSCHE J.R. ET AL: "Antibodies that inhibit fusion of human immunodeficiency virus-infected cells bind a 24-amino acid sequence of the viral envelope gp120", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 85, 1988, WASHINGTON US, pages 3198 - 3202, XP002060890
• [X] BERMAN, P.W. ET AL: "Human immunodeficiency virus type 1 challenge of chimpanzees immunized with recombinant envelope glycoprotein gp120", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 85, 1988, WASHINGTON US, pages 5200 - 5204, XP002060891
• [XP] GIRARD M. ET AL: "Immunization of chimpanzees confers protection against challenge with human immunodeficiency virus", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 88, January 1991 (1991-01-01), WASHINGTON US, pages 542 - 546, XP002060892

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EP 9100509 W 19910316; AT 91906386 T 19910316; AU 6461594 A 19940609; AU 7196098 A 19980616; AU 7498991 A 19910316; CA 2057040 A 19910316; DE 69126486 T 19910316; DK 91906386 T 19910316; EP 91906386 A 19910316; EP 96106172 A 19910316; ES 91906386 T 19910316; GR 970402313 T 19970910; JP 34118990 A 19901130; JP 50629291 A 19910316